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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/467,310	12/17/1999	ROBERT J. CHANSLER	07844-280001	2224
21876	7590	04/04/2007	EXAMINER	
FISH & RICHARDSON P.C. P.O. Box 1022 MINNEAPOLIS, MN 55440-1022			NAHAR, QAMRUN	
		ART UNIT	PAPER NUMBER	
		2191		

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)
	09/467,310	CHANSLER, ROBERT J.
	Examiner Qamrun Nahar	Art Unit 2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ·Responsive to communication(s) filed on 20 March 2007.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-9,21-29 and 37-58 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-9,21-29 and 37-58 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

1. This action is in response to the RCE filed on 03/20/2007.
2. The rejection under 35 U.S.C. 103(a) as being unpatentable over Rangarajan (U.S. 6,275,225) in view of Atkin (U.S. 5,907,326) to claims 1-9, 11-29, 31-33 and 36-38 is moot in view of new ground(s) of rejection.
3. The rejection under 35 U.S.C. 103(a) as being unpatentable over Rangarajan (U.S. 6,275,225) in view of Atkin (U.S. 5,907,326), and further in view of Sanna, et al. "Using Windows NT Workstation 4.0", 1997 to claim 35 is moot in view of new ground(s) of rejection.
4. Claims 1, 8-9, 21 and 28-29 have been amended.
5. Claims 11-20 and 31-36 have been canceled.
6. Claims 39-58 have been added.
7. Claims 1-9, 21-29, and 37-58 are pending.

Response to Amendment

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9. Claims 1-9, 21-29, and 37-57 are rejected under 35 U.S.C. 102(e) as being anticipated by Atkin (U.S. 5,907,326).

Per Claim 1:

The Atkin patent discloses:

- a method of defining a user interface for a computer program, comprising: after execution of the computer program has begun** (see e.g. "... a system and method of changing a cultural profile of a program, or application, while the program is executing ..." in abstract)
- automatically defining a user interface of the program by: reading a function description of a first function to be provided by the user interface on the fly at run time, the function description comprising instructions to handle user interface events** (see e.g. "... locale object ..." in column 5, lines 18-28)
- executing logic on the fly at run time to select an appearance description of a first appearance to be presented by the user interface** (see e.g. "... the locale change daemon takes the form of a drag and drop presentation manager application ... When the daemon is invoked, a locale change may take place by simply dragging a locale change object and dropping it on top of an application ..." in column 6, lines 20-26)
- associating the function description and the appearance description on the fly at run time into an executable form; executing the executable form of the user interface to generate the user interface with the associated function description and appearance description; and**

executing logic to independently change one of the function description and the appearance description during program execution (see e.g. “ ... if the locale change object is dropped onto the presentation space of the application, the data cultural profile for the application is changed to reflect the new cultural profile for the application ... A context sensitive locale change allows a user to interact with the application using one cultural profile, while working with data using a different cultural profile. ... ” in column 6, lines 26-38).

Per Claim 2:

The Atkin patent discloses:

- replacing the function description during program execution while providing a continuity of presentation (column 7, lines 26-35).

Per Claim 3:

The Atkin patent discloses:

- replacing the appearance description during program execution to present logic of the user interface with a different appearance (column 6, lines 26-38).

Per Claim 4:

The Atkin patent discloses:

- reading a map defining multiple functions to be provided by the user interface including the first function; reading a fashion defining all appearances to be presented by the user interface including the first appearance; associating the map and the fashion on the fly at run time; and executing the user interface with the associated map and fashion (column 7, lines 45-55).

Per Claim 5:

The Atkin patent discloses:

- replacing the map during program execution (column 7, lines 45-55).

Per Claim 6:

The Atkin patent discloses:

- replacing the fashion during program execution (column 7, lines 45-55).

Per Claim 7:

The Atkin patent discloses:

- wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair (column 6, lines 38-47).

Per Claim 8:

The Atkin patent discloses:

- **receiving an event from one of the map and the fashion** (column 6, lines 20-26).

Per Claim 9:

The Atkin patent discloses:

- **executing business logic associated with the received event** (column 6, lines 20-26).

Per Claims 21-29:

These are computer-readable medium versions of the claimed method discussed above (claims 1-9, respectively), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Atkin.

Per Claim 37:

The Atkin patent discloses:

- **customizing a selection base of function descriptions and appearance descriptions based on a geographic location of a user** (see e.g. abstract; col. 3, line 64 to col. 4, line 4; and col. 4, lines 19-26).

Per Claim 38:

The Atkin patent discloses:

- wherein a selection of at least one of the function description and the appearance description is made according to an environment variable (column 6, lines 20-26).**

Per Claim 39:

The Atkin patent discloses:

- selecting at least one of the function description and the appearance description based on a geographic location of a user of the computer program, wherein the function description is separate from the appearance description (column 6, lines 20-26).**

Per Claim 40:

The Atkin patent discloses:

- wherein the function description includes the logic to select an appearance description (column 6, lines 20-26).**

Per Claim 41:

The Atkin patent discloses:

- wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution (column 6, lines 26-38).

Per Claims 42-44:

These are computer-readable medium versions of the claimed method discussed above (claims 39-41, respectively), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Atkin.

Per Claims 45-56:

These are system versions of the claimed method discussed above (claims 1-9 and 39-41, respectively), wherein all claim limitations also have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Atkin.

Per Claim 57:

The Atkin patent discloses:

- wherein the presentation device comprises one *or* more of a display and a sound input-output device (column 4, line 67 to column 5, line 15).

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claim 58 is rejected under 35 U.S.C. 103(a) as being unpatentable over Atkin (U.S. 5,907,326) in view of Sanna, et al. "Using Windows NT Workstation 4.0", 1997 (hereinafter Sanna).

Per Claim 58:

The rejection of claim 45 is incorporated, and further, Atkin does not explicitly teach that the presentation device comprises a telephone. Sanna teaches that a telephone connects to a PC system and utilizes the PC monitor to present a user interface associated with the telephone ("Using Phone Dialer", pg. 442, par. 6 to par. 7).

It would have been obvious to one having ordinary skill in the computer art at the time of the invention was made to modify the system disclosed by Atkin to include that the presentation device comprises a telephone using the teaching of Sanna. The modification would be obvious because one of ordinary skill in the art would be motivated to give a user an extra option to present the user interface.

Response to Arguments

12. Applicant's arguments with respect to claims 1-9, 21-29, and 37-58 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

13. Any inquiry concerning this communication from the examiner should be directed to Qamrun Nahar whose telephone number is (571) 272-3730. The examiner can normally be reached on Mondays through Fridays from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y Zhen, can be reached on (571) 272-3708. The fax phone number for the organization where this application or processing is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Qamrun Nahar
March 29, 2007



WEI ZHEN
SUPERVISORY PATENT